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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE




In re Application of: Robert G. McNiece
Serial No.: 10/731,784
Filing Date: December 9, 2003
Examiner: Tran, Thang V.
Art Unit: 2653
Title: Apparatus for Generating a Multi-Dimensional Data Signal

Mail Stop Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certification Under 37 C.F.R. 1.8

Date of Mailing: March 23, 2005

I hereby certify that I have caused the documents indicated herein to be deposited with the United States Postal Service to Addressee" under 37 CFR § 1.8 on the date indicated above and addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and mailed on the above Date of Mailing.


Reina R. Bernfeld

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97(e)(2)**

Dear Sir:

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the non-patent literature art is enclosed for the convenience of the Examiner.

Applicant states that no item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure Statement was known to any individual more than three months prior to the filing of this Information Disclosure Statement.

Citation of the documents shall not be construed as:

- 1) an admission that the documents are necessarily prior art with respect to the instant invention;
- 2) a representation that a search has been made, other than as described above; or
- 3) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

While Applicant believes no fees are due, if any fees are due, the Commissioner is hereby authorized to charge Fortkort Grether + Kelton LLP, Deposit Account No. 50-2726.

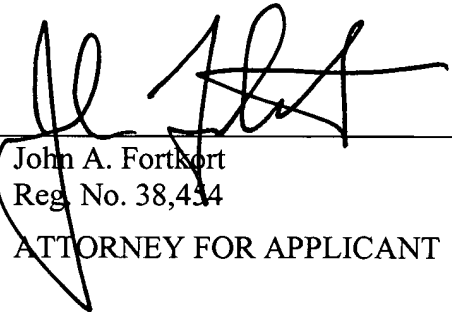
Should the Examiner have any questions or desire clarification of any sort, the Examiner is invited to telephone the undersigned at the number listed below. Please reference Attorney Docket No. LUCE001US0.

Respectfully submitted,

FORTKORT GRETHER + KELTON LLP

Date: March 23, 2005

By:


John A. Fortkort
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				COMPLETE IF KNOWN		
				Application Number	10/731,784	
				Filing Date	December 9, 2003	
				First Named Inventor	Robert G. McNiece	
				Group Art Unit	2653	
Examiner Name	Tran, Thang V.					
Attorney Docket Number	LUCE001US0					
Sheet	1	Of	1			

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yy	Class	Subclass
		5,526,182	Jewell et al.	06/11/1996	359	621
		5,764,603	Glaser-Inbari	06/09/1998	369	44.23
		6,291,132	Glushko et al.	09/18/2001	430	270.15
		US 2001/0048977	Dorozhkina et al.	12/06/2001	427	487
		US 2003/152393	Khoury, J.	08/14/2003	398	207
		US 2004/0126701	Lee et al.	07/01/2004	430	270.15
		US 2004/0257962	Walker et al.	12/23/2004	369	112.23

Foreign Patent Documents								
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Class	Subclass	Translation
		Office	Number					

Non Patent Literature Documents			
Examiner Initials*	Cite No.		
		Sangwine and Ell, "Hypercomplex Auto- and Cross-Correlation of Color Images"; Poster presented at IEEE Intl. Conference on Image Processing (ICIP '99), Kobe, Japan, Thursday, 28 October 1999; one page	
		Wainner, Scott, "Comdex Fall '00 Spotlight: Fluorescent Multilayer Optical (FMD); www.sysopt.com/articles/c3d-spot ; 4 pages	
		Detofsky, Abram et al., "Equivalency-processing parallel photonic integrated circuit (EP3IC): equivalence search module based on multiwavelength guided-wave technology; Applied Optics, Vol. 39, No. 5, 10 February 2000, pages 818-826	
		Classification of Polarization; http://hyperphysics.phy-astr.gsu.edu/hbase/phyopt/polclas.html ; 22 December 2004; 4 pages	
		Simoncelli, Eero P., "Design of Multi-Dimensional Derivative Filters"; Published in First IEEE Intl. Conf. on Image Processing, Austin, Texas, Vol. I, Pages 790-793, November 1994; 6 pages	
		Srakaew, Sanan et al., "A Parallel Model for Multimedia Retrieval Based on Multidimensional Signal Structure"; Dept. of Electrical Engin. and Computer Science, George Washington University, Washington, DC 20052; 4 pages	
		Choo, Peng Yin et al., "A Multi-Wavelength Optical Content-Addressable Parallel Processor (MW-OCAPP) for High-Speed Parallel Relational Database Processing: Architectural Concepts and Preliminary Experimental System; white paper; The University of Arizona, 14 pages	

Examiner Signature		Date Considered	
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